User Manual

MovaNext M2 (Verto)

MULTANATIONAL SALES

WWW.MOVANEXT.NL

Introduction

Optimal safety can only be guaranteed after carefully reading this manual. Please read this manual before using the MovaNext bike carrier.

Congratulations with the purchase of your MovaNext bike carrier. The MovaNext bike carrier is the number one solution for all bike carrying difficulties. The MovaNext can transport almost all sizes of bikes. It's incredibly easy to use, light weight, compact and ready to use without the need for any tools. This compact bike carrier has been designed to fit all standard bike sizes including most electrical bikes.

This manual provides information on how to handle and successfully use the MovaNext bike carrier. It contains several important safety guidelines that have to be taken into consideration.

The MovaNext M2 (Verto) is tested by the Dutch RDW
Number RDW: e4*79/488*2007/15*0098*01

Symbols used in this manual:

Warning: Danger of (severe) injury and/or damage

Note: Information that enhances the use and user friendliness of the MovaNext

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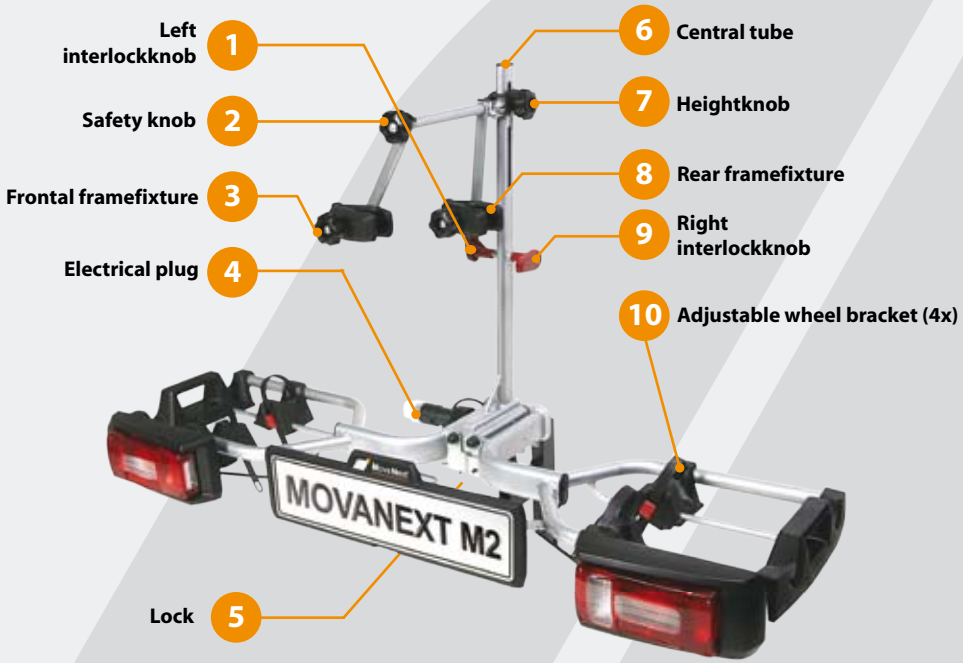
1 Important components

This chapter describes the most important parts of the MovaNext



2 Warnings

- Maximum load capacity of the MovaNext is 80 KG. Please consider that the maximum capacity of the tow bar should not be exceeded. Maximum tow bar capacity can be found on the tow bar itself.
- Use the lock to secure the MovaNext at all times(number 5 on picture previous page)
- Bike wheels should be strapped into place with the wheel straps at all times.
- Do not drive around with an empty carrier. Put the carrier in (the booth of) your car instead
- Make sure the MovaNext is well maintained (see chapter 12 for maintenance)
- Replace damaged parts in time, use original replacements (see warranty)
- Fold up the license plate before folding up the carrier itself
- Mind the lock before opening the MovaNext to prevent unnecessary damage
- Always place the plug in the plug holder if the MovaNext is not mounted on the car, this will prevent unnecessary damage to plug and/or cable.

3 Tips

To prevent theft, always lock your bike when placed on the carrier.

All information about the ordering of separate parts can be found in chapter 14.

It is recommended to grease hinging parts annually (preferably copper grease).

Place the frame clasps as high as possible onto the bike frame for optimal stability.

An extension is available for easier placement of (electrical) bikes (chapter options).

Auf Wunsch ist ein sogenannter Verto lieferbar, der die Möglchkeit zum Abschwenken der Klemmstreben bietet, wodurch sich ein (Elektro-)Fahrrad leichter aufladen lässt.

4 Accountability

This chapter will deal with the accountability of the MovaNext bike carrier. Please read this chapter carefully before using the MovaNext.

The producer of the MovaNext bike carrier is not accountable for unsafe situations, accidents or damages caused by:

- Ignoring warnings and/or regulations, as stated on the MovaNext bike carrier or in this manual,
- Using the MovaNext for other purposes or under different circum stances than stated in this manual,
- Altering the MovaNext in any way, including replacing parts with non-original replacement parts,
- Insufficient Maintenance (see chapter 12 maintenance and service).

The manufacturer is not responsible for collateral damage caused by a MovaNext malfunction e.g. damage to car or bike.

5 Warranty

Every MovaNext bike carrier comes with 2 year warranty and will be grated on display of the receipt with date of sale. Warranty will only be granted in case of corrosion (rust forming) or construction errors.

6 How to place the MovaNext

Lift the carrier onto the tow-ball

Clear the tow ball of grease and dirt before putting the carrier onto the tow bar. Slightly tip the MovaNext sideways before straight-ening the MovaNext.

Unlock the right wing

Turn the right red lever to unlock the right wing.

Fold out the right wing

Fold the right wing all the way down. Keep holding onto the left wing and keep central tube straight.

Plug in the plug

Take the plug from the holder and place it into the socket of the car. The cable comes with a 7 and a 13 pointed plug, cover up the one you do not use with the provided cap.

Unfold left wing

Turn the left red lever to unlock the left wing and push the wing down. Make sure that the central tube stays in an upright position.

Place lock

Because of safety is the placement of this lock obligatory

(TIP) stick the lock through the hole from the front side

Flip the license plate

Flip the license plate and click into place onto the right wing.

Check

Test the lights to see if everything functions properly.

Test stability by pressing on both wings at the same time.

7 How to place your bike

Wheelstraps

Make sure that the straps are not in the way when placing the bikes.

Temporarily place the straps under the wheel bracket to keep them out of the way.

Place the bike onto the MovaNext

Start with the front wheel, then the back wheel.

If you have a MovaNext M2 verto, read further instructions in the chapter options

Lifting into rear brackets

Lift the bike from the first brackets onto the last brackets.

Make sure the back wheel is firmly placed onto the bracket and make sure that the bikes are always in the centre of the bike carrier.

Adjusting Frame clasps

Loosen the grips and adjust arm to appropriate height.

Tightening frame clasps

Loosen frame clasp before securing it as high as possible onto the bike frame.

Adjust wheel supports

Loosen the handle under the wheel bracket and push it against the front wheel. Make sure you tighten each wheel with both straps.

Secure the rear wheel first

Placement of a second bike

Repeat step 1-6 for the second bike.

Always place the second bike in opposite direction to the first.

Check clasps, grips and straps

Make sure that the clasps and grips are all properly tightened and check if all wheels straps are fastened.

8 How to remove your bike

One bike at the time!

Remove one bike at the time. Only loosen the clasps and straps of the bike you are about to remove.

Remove straps

Press the red button and pull out the straps

Die verschiebbaren Schienen können in ihrer Position verbleiben.

Loosen frame clasps

Use frame knob to loosen and remove clasp from bike

Removal of bike

Remove the bike by lifting it from the MovaNext.

You can also do this one wheel at the time, as described earlier in chapter 7

Removal of second bike

Repeat steps 1-3 to remove a second bike,

9 How to remove the MovaNext

Flip the license plate

Turn the license plate, from the middle position towards the left rear light. Then snap the license plate into place.

Removing the lock

Remove the lock.

Folding the left wing

Position the frame clasps downwards and secure the lock knob. Hold the central tube in his position and fold the left wing upwards.

Locking the left wing

Turn the left lock knob to secure the left wing.

Removing the plug

Pull the plug from the carconnector and place it within the MovaNext plugcasing. Position the lidcover on the plug.

Folding the right wing

Position the right wing in a vertical position and fold the right wing upwards.

The MovaNext is not attached to the tow bar anymore.

Locking the right wing

Turn the right lock knob to secure the right wing.

Removing the tow bar

Tilt the MovaNext sidewards and lift the carrier from the tow bar.

10 Bike transport and law

This chapter explains several legal requirements. Please act accordingly to prevent serious damage and/or injury.

- *The maximum tow bar pressure is not to be exceeded*
- *Bikes are not allowed to stick out more than 20 cm on both sides of the car*
- *No sharp parts should stick out*
- *Adapt speed and driving style when driving the MovaNext through bad weather conditions*
- *The license plate should be visible*
- *Check legislation abroad as that can be different*

11 Maintenance and service

The MovaNext is surprisingly low in maintenance, and actually doesn't need any at all. The only advice we give is to grease the hinging parts every year. The MovaNext can be kept clean by rinsing it off with water and storing it dry.

12 Additional options

In this chapter you will find several accessories that apply to the MovaNext bike carrier.

Extra rails (Art.-Nr. 01.500)
To make the placement of your bike easier, you can use the extra rails to ride your bike onto the carrier.

Wheel set (Art.-Nr. 01.520)
By using the extra set of wheels, you can easily manouver the MovaNext.

Verto set (Art.-Nr. 01.510)
With this system you can fold the frame clasps upwards, which leads to easier bike placement on the carrier (in combination with the extra rails) by riding, instead of lifting.

Verto upwards

Unlock the lock knob and fold the Verto upwards.

If available, place a ladies bike first

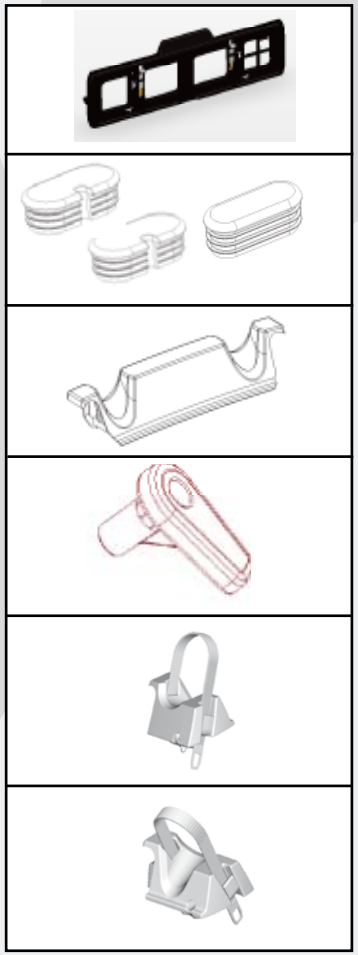
Verto downwards

Position the bike and turn the Verto downwards

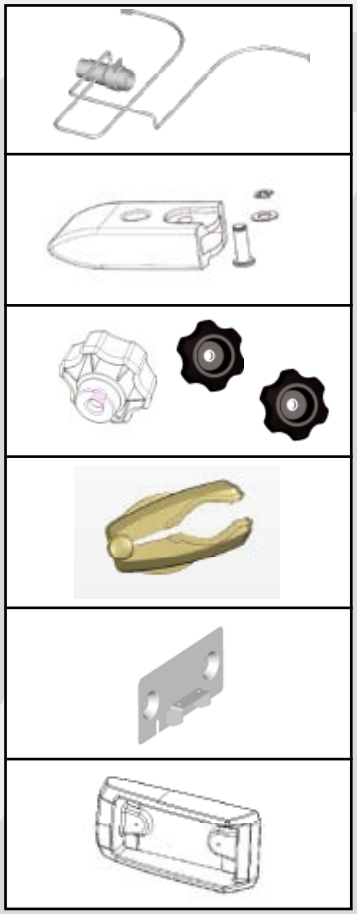
If possible use the orderable extra rails.

13 List of parts

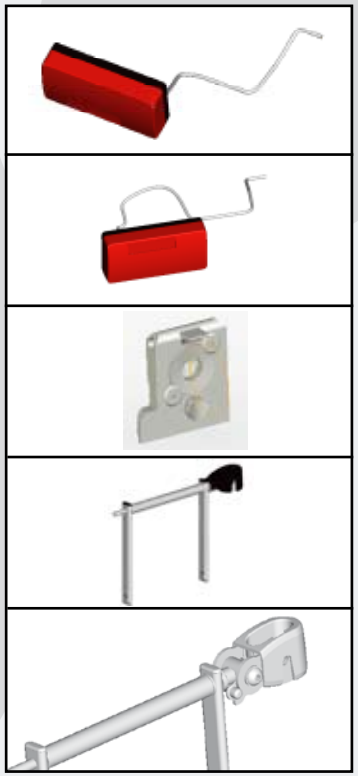
Part	Partnumber
Licenseplateholder	02.200
Set of caps 2x Wingcap 1x Main cap	02.210
Outer wheel bracket	02.230
Secure grip/handle, 2x	02.250
Adjustable wheel bracket left. Incl. Strap	02.233
Adjustable wheel bracket right. Incl. Strap	02.234



Part	Partnumber
Trailer cable incl. 7 and 13 pinned connector	02.260
Set 2x wig + clamping bush	02.270
Set turning grips 2x Frame grip 1x Secure grip	
Set 2x Frame clasps	02.290
Illuminated license plate holder	02.300
Illuminated sign	02.310



Part	Partnumber
Light unit left	02.320
Light unit right	02.330
Clapper and attachments	02.340
2x Frame arm + mounting	02.350
Verto tilt-system	01.510



14 Adjust to tow ball

The MovaNext bike carrier is designed for standard tow balls with a neck thickness of 28mm and a ball of 50mm. However, variations do exist which differ from the standard.
This can lead to instability or a slanted position and this should be prevented at all costs.

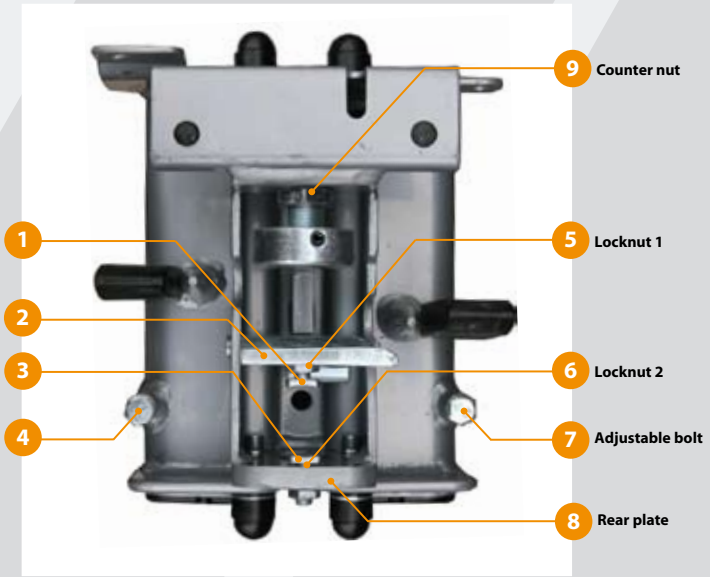
How to test stability:

Push on the bike carrier and try to rotate the carrier

Wrong test method:

Wrong! Never check stability by lifting a wing or by trying to move the vertical tube.

By manually adjusting the MovaNext, you are able to fit the MovaNext stably onto various tow-balls.



Manually adjust grip

In some cases you can manually adjust the width of the grip in order for the MovaNext to fit onto a car. Check if BOLT 3 (see picture) sits at the neck of the tow bar. If that is the case, no further action is required.

If there is some slack margin between the bolt and the tow ball, then the carrier should be taken off and flipped over so that the mechanism can be adjusted (see picture previous page).

Unscrew locknut 1 with 1 stroke using a spanner (13), do the same with neckbolt 1. Use spanner 9 to keep neckbolt1 into place and then lock locknut 1 to the cover. The recommended slack margin between locknot 1 and neckbolt 1 is 1mm. Repeat these steps for the other neckbolts and use an adhesive (loctite nr. 242) to secure the bolts into place.

Slanted tow bar
In case of a slanted tow bar, the bike carrier's mechanism can be adjusted to create an upright position.
Adjust the grip mechanism accordingly:

Place neckbolt 2 incl. locknut 2 on the cover, make sure that the neckbolt does not stick out from the back of the cover.
Place neckbolt1 without the locknut on the rear plate. Then place locknut 1 on the screw thread of neckbolt 1 that sticks out at the back of the rear plate The situation should now be similar to the situation on the picture below.

Neckbolt 1 en 2 should now be adjusted until the MovaNext is in an upright position and proves stable and secure.

If Neckbolt 1 is being screwed outwardly, neckbolt 2 should be screwed inwardly (or vice versa) to maintain the same distance between the Neckbolts. This prevents the mechanism from jamming.

Your dealer:

Sticker/stamp dealer:

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MovaNext

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